



Quick Decontamination Solutions (QDS) Combo Wipes







An easy and efficient method to decontaminate radioactive surface contamination

How the Combo Wipes Work

The core technology used in the QDS Combo Wipes is based upon the "Mass Effect" Principle. When the proprietary wipes, which are saturated with the decontamination solution, come in direct contact with 'loose' or 'removable' contamination on a surface, the radioactive material is 'lifted' from the material surface via the ion-exchange process. Like-property non-radioactive ions replace the radioactive ones. The radioactive ions/contamination is collected on the wipe and disposed of as radioactive waste.

FEATURES

- ♦ 80-90% Decontamination Factor
- 35 wipes per cannister
- Effective on BOTH <u>Transition Metals</u>
 and <u>Actinides</u> Radionuclide Isotope
 Families
- 10+ year Shelf Life of product (dry);
 60+ days when distilled water is
 added

Advantages

- Safe surface radiation isotope remover
- Safe & quick ionic-focused for radiation removal
- First line for safe radiation defense
- Environmentally friendly
- Cost effective
- Effective on 63 different radio-isotopes
- Far superior to Radiacwash or any other similar products

RT Technologies Inc. 2391 Briarleigh Way Dunwoody, GA 30338 770-332-0092 770-332-0092 contact@rtlasersafety.com www.rtlasersafety.com



BENEFITS



SIGNIFICANT REDUCTION IN CRITICAL PATH TIME & DOSE



NON-TOXIC, ENVIRONMENALY FRIENDLY & SAFE ON HUMAN SKIN



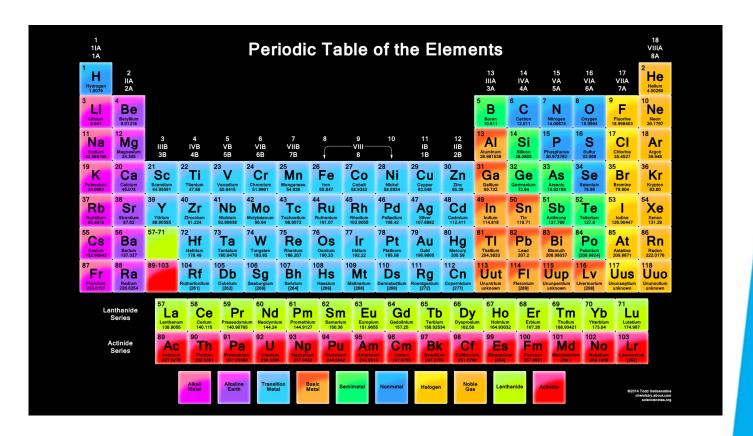
SIMPLE & COST EFFECTIVE ALARA SOLUTION

Use Cases

- ⇒ Decon Facility Use; Reduce contamination levels on tools
- ⇒ RCA Boundary/Control Point Decontamination; 'free-release' of personal items, clothing, and tools following alarm monitoring
- ⇒ Spot Wall and Floor Decontamination
- ⇒ Environmental/Emergency Planning (EP) Response teams ---post accident
- ⇒ 1st Responders and Facility Spill Clean-up kits

Directions for Use: Open canister and add 500ml DI water. Replace lid and shake vigorously for 1 min. Let stand for up to 30 min., then invert for a few minutes to let solution permeate wipes completely. Wipes should be yellow in color. If solution contacts skin, wash with soap and water. Wearing protective elastic gloves, remove one wipe at a time from canister by tearing off at score line. Apply wetted wipe to surfaces to be decontaminated and rub area vigorously. Remove excess solution, wipes, and contaminated gloves and dispose of as radioactive waste. Repeat process as needed.

Generally not hazardous in normal handling; however, good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.



RT Technologies Inc. 2472 Jett Ferry Rd, STE 400, PMB 401 Dunwoody, GA 30338 770-332-0092 770-332-0092 contact@rtlasersafety.com www.rtlasersafety.com

